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PATENT
Attorney Docket: 1094-48

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): GAO et al.

GROUP: Art Unit 1764

SERIAL NO.: 10/774,774

EXAMINER: Thuan D. Dang

FILED: February 9, 2004

FOR: HYDROCARBON CONVERSION USING NANOCRYSTALLINE ZEOLITE Y

Dated: September 5, 2007

Mail Stop: Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

This is in response to the Office Action of August 8, 2007 requiring an election of the following species:

Group I. Alkylation of paraffin with olefin, classified in class/subclass 585/722, and covered by claims 1-4, and 9-22.

Group II. Alkylation of aromatic with olefin, classified in class/subclass 585/467, and covered by claims 1, 5, 6, and 9-22.

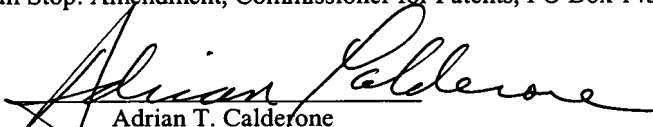
Group III. Transalkylation of aromatic with another aromatic, classified in class/subclass 585/475, and covered by claims 1, 7, 8, and 9-22.

Currently, claims 1 and 9-22 are generic.

Certification under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to: Mail Stop: Amendment, Commissioner for Patents, PO Box 1450, Alexandria VA 22313-1450, on September 5, 2007.

Dated: September 5, 2007

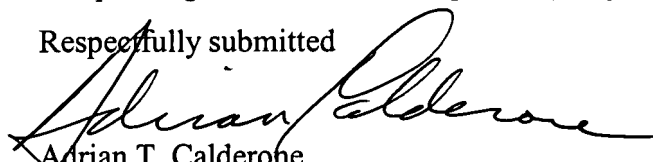

Adrian T. Calderone

Applicant hereby elects Group II claims 1, 5, 6, and 9-22 covering alkylation of aromatic with olefin.

Traverse

This requirement for election of species is respectfully traversed. The reactions listed above are all alkylation reactions and are classified in the same class 585. Moreover, as can be seen from the Classification Definitions of the U.S. Patent and Trademark Office under class 585, subclass 467 is under the more general subclass 446. Subclass 446 provides directions for searching subclasses 470 and 709 under which fall subclasses 475 and 722, respectively. Accordingly, these subclasses are so interrelated that it would not be an undue burden to search all of the alkylation reactions covered by Applicants' claims. Reconsideration of the election requirement and examination on the merits of all pending claims 1-22 are respectfully requested.

Respectfully submitted


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